

# About The New England Common Assessment Program

This report highlights results from the Spring 2011 New England Common Assessment Program (NECAP) science tests. The NECAP tests are administered to students in New Hampshire, Rhode Island, and Vermont as part of each state's statewide assessment program. The NECAP science test results are used primarily for program evaluation, school improvement, and public reporting. Achievement level results are used in the state accountability system required under No Child Left Behind (NCLB). More detailed school and district results are used by schools to help improve curriculum and instruction. Individual student results are used to support information gathered through classroom instruction and assessments.

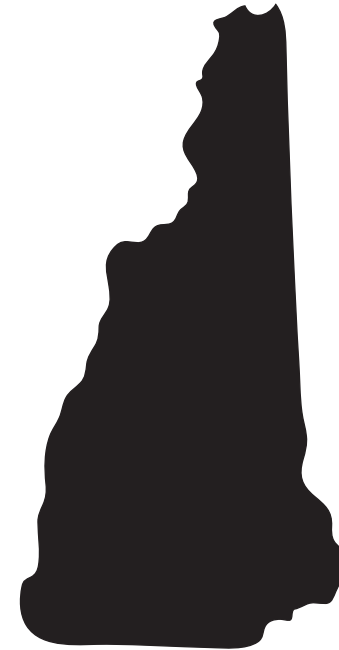
The NECAP science tests are administered to students in grades 4, 8, and 11. The tests are designed to measure student performance on standards developed and adopted by the three states. Specifically, the tests are designed to measure the content and skills that students are expected to have as they complete the K–4, 5–8, and 9–11 grade spans—in other words, the content and skills that students have learned through the end of the tested grade.

Each test contains a mix of multiple-choice and constructed-response



questions. Constructed-response questions require students to develop their own answers to questions. The science test also includes an inquiry session that requires students to answer questions based on results of an actual scientific investigation. This report contains a variety of school- and/or district-, and state-level assessment results for the NECAP science tests administered at a grade level. Achievement level distributions and mean scaled scores are provided for all students tested as well as for subgroups of students classified by demographics or program participation. The report also contains comparative information on school and district performance on four specific science domains.

In addition to this report of grade level results, schools and districts will also receive Item Analysis Reports, released item support materials, and student-level data files containing NECAP results. Districts will also receive a Summary Report that will show results for all district schools. Together, these reports and data constitute a rich source of information to support local decisions in curriculum, instruction, assessment, and professional development. Over time, this information can also strengthen the school's and district's evaluation of their ongoing improvement efforts.



## Spring 2011 Grade 4 NECAP Science Test

## State Results

**State:** New Hampshire



# Spring 2011 - Grade 4 NECAP Science Test

## Grade Level Summary Report

State: New Hampshire

Schools and districts administered all NECAP tests to every enrolled student with the following exceptions: students who participated in the alternate assessment for the 2010-11 school year, students who withdrew from the school after May 9, 2011, students who enrolled in the school after

May 9, 2011, students for whom a special consideration was granted through the state Department of Education, and other students for reasons not approved. On this page, and throughout this report, results are only reported for groups of students that are larger than nine (9).

PARTICIPATION in NECAP	Number			Percentage		
	School	District	State	School	District	State
<b>Students enrolled on or after May 9</b>			<b>14,285</b>			<b>100</b>
<b>Students tested</b> With an approved accommodation  Current LEP Students With an approved accommodation  IEP Students With an approved accommodation  <b>Students not tested in NECAP</b> State Approved Alternate Assessment Withdrew After May 9 Enrolled After May 9 Special Consideration Other	Science			Science		
			<b>14,079</b>			<b>99</b>
			3,604			26
			387			3
			195			50
			2,140			15
			1,738			81
			<b>206</b>			<b>1</b>
			189			92
			175			93
			0			0
			0			0
			14			7
			17			8

### NECAP RESULTS

SCIENCE		State																								
		Enrolled	NT Approved	NT Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score
		N	N	N	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
14,285	189	17	14,079	163	1	7,609	54	5,131	36	1,176	8	441														

Level 4 = Proficient with Distinction; Level 3 = Proficient; Level 2 = Partially Proficient; Level 1 = Substantially Below Proficient

NOTE: Throughout this report, percentages may not total 100 since each percentage is rounded to the nearest whole number.



# Spring 2011 - Grade 4 NECAP Science Test

## Science Results

State: New Hampshire

### Proficient with Distinction (Level 4)

Students performing at this level demonstrate the knowledge and skills as described in the content standards for this grade span. Errors made by these students are few and minor and do not reflect gaps in knowledge and skills.

### Proficient (Level 3)

Students performing at this level demonstrate the knowledge and skills as described in the content standards for this grade span with only minor gaps. It is likely that any gaps in knowledge and skills demonstrated by these students can be addressed by the classroom teacher during the course of classroom instruction.

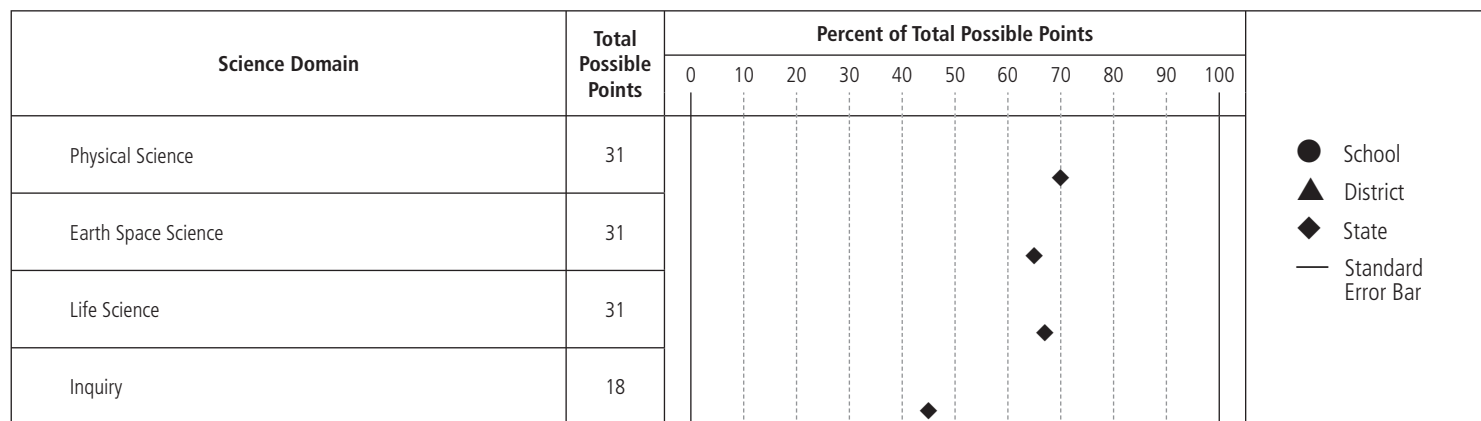
### Partially Proficient (Level 2)

Students performing at this level demonstrate gaps in knowledge and skills as described in the content standards for this grade span. Additional instructional support may be necessary for these students to achieve proficiency on the content standards.

### Substantially Below Proficient (Level 1)

Students performing at this level demonstrate extensive and significant gaps in knowledge and skills as described in the content standards for this grade span. Additional instructional support is necessary for these students to achieve proficiency on the content standards.

	Enrolled	NT Approved	NT Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score
	N	N	N	N	N	%	N	%	N	%	N	%	
<b>SCHOOL</b> 2008-09 2009-10 <b>2010-11</b> Cumulative Total													
<b>DISTRICT</b> 2008-09 2009-10 <b>2010-11</b> Cumulative Total													
<b>STATE</b> 2008-09 2009-10 <b>2010-11</b> Cumulative Total	14,641 14,554 <b>14,285</b> 43,480	172 172 <b>189</b> 533	27 15 <b>17</b> 59	14,442 14,367 <b>14,079</b> 42,888	60 168 <b>163</b> 391	<1 1 <b>1</b> 1	7,614 7,661 <b>7,609</b> 22,884	53 53 <b>54</b> 53	5,537 5,096 <b>5,131</b> 15,764	38 35 <b>36</b> 37	1,231 1,442 <b>1,176</b> 3,849	9 10 <b>8</b> 9	441 440 <b>441</b> 441





# Spring 2011 - Grade 4 NECAP Science Test

## Disaggregated Science Results

State: New Hampshire

REPORTING CATEGORIES	State																		
	Enrolled	NT Approved	NT Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score
	N	N	N	N	N	%	N	%	N	%	N	%		N	%	%	%	%	
<b>All Students</b>	<b>14,285</b>	<b>189</b>	<b>17</b>	<b>14,079</b>	<b>163</b>	<b>1</b>	<b>7,609</b>	<b>54</b>	<b>5,131</b>	<b>36</b>	<b>1,176</b>	<b>8</b>	<b>441</b>						
<b>Gender</b>																			
Male	7,343	110	8	7,225	75	1	3,855	53	2,676	37	619	9	441						
Female	6,942	79	9	6,854	88	1	3,754	55	2,455	36	557	8	441						
Not Reported	0	0	0	0															
<b>Race/Ethnicity</b>																			
Hispanic or Latino	599	11	0	588	2	<1	178	30	274	47	134	23	435						
Not Hispanic or Latino																			
American Indian or Alaskan Native	34	0	0	34	0	0	15	44	10	29	9	26	436						
Asian	437	6	1	430	9	2	243	57	138	32	40	9	442						
Black or African American	267	5	1	261	2	1	72	28	131	50	56	21	435						
Native Hawaiian or Pacific Islander	11	0	0	11	0	0	2	18	6	55	3	27	431						
White	12,720	163	15	12,542	148	1	7,004	56	4,473	36	917	7	441						
Two or more races	0	0	0	0															
No Race/Ethnicity Reported	217	4	0	213	2	1	95	45	99	46	17	8	439						
<b>LEP Status</b>																			
Current LEP student	393	5	1	387	0	0	69	18	184	48	134	35	431						
Former LEP student - monitoring year 1	169	0	0	169	1	1	73	43	83	49	12	7	439						
Former LEP student - monitoring year 2	17	0	0	17	1	6	11	65	5	29	0	0	448						
All Other Students	13,706	184	16	13,506	161	1	7,456	55	4,859	36	1,030	8	441						
<b>IEP</b>																			
Students with an IEP	2,330	187	3	2,140	4	<1	565	26	1,025	48	546	26	434						
All Other Students	11,955	2	14	11,939	159	1	7,044	59	4,106	34	630	5	442						
<b>SES</b>																			
Economically Disadvantaged Students	3,990	84	10	3,896	4	<1	1,416	36	1,854	48	622	16	436						
All Other Students	10,295	105	7	10,183	159	2	6,193	61	3,277	32	554	5	442						
<b>Migrant</b>																			
Migrant Students	0	0	0	0															
All Other Students	14,285	189	17	14,079	163	1	7,609	54	5,131	36	1,176	8	441						

Level 4 = Proficient with Distinction; Level 3 = Proficient; Level 2 = Partially Proficient; Level 1 = Substantially Below Proficient

NOTE: Some numbers may have been left blank because fewer than ten (10) students were tested.